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Attorney Docket No.: 50450-8032.US02





PATENT

# IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

E APPLICATION OF: IVERSEN PATRICK L.

APPLICATION No.: 10/719.633

FILED: November 21, 2003

FOR: ANTISENSE ANTIBACTERIAL METHOD

AND COMPOSITION

EXAMINER: McGARRY, SEAN

**ART UNIT: 1635** 

CONF. No: 3642

<u>Information Disclosure Statement Within Three Months of</u>
<u>Application Filing or Before First Action – 37 C.F.R. § 1.97(b)</u>

Mail Stop Amendment Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

Sir:

# A. Timing of Submission

This information disclosure is being filed within three months of the filing date of this application or date of entry into the National Stage of an International Application or before the mailing date of a first Office Action on the merits or before the mailing date of a first Office Action on the merits after the filing of a Request for Continued Examination under 37 CFR §1.114, whichever occurs last (37 CFR 1.97(b)(4)). The references listed on the enclosed Form PTO-1449 (modified) may be material to the examination of this application; the Examiner is requested to make them of record in the application.

#### B. Cited Information

- Copies of references 1-10 are issued patent(s) and published application(s) and are not included (see C.F.R. § 1.98(a)(2)(ii)).
- Copies of references 11-32 can be found in corresponding U.S. application(s) 09/726,774, filed November 29, 2000, now U.S. patent 6,677,153 issued January 13, 2004 of which this application claims priority under 35 U.S.C. §120, and are not being submitted (see C.F.R. § 1.98(d)).

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# C. Effect of Information Disclosure Statement (37 C.F.R. § 1.97(h))

This Information Disclosure Statement is not to be construed as a representation that: (i) a search has been made; (ii) additional information material to the examination of this application does not exist; (iii) the information, protocols, results and the like reported by third parties are accurate or enabling; or (iv) the cited information is, or is considered to be, material to patentability. In addition, applicant does not admit that any enclosed item of information constitutes prior art to the subject invention and specifically reserves the right to demonstrate that any such reference is not prior art.

### D. Fee Payment

No fees are believed due because this Information Disclosure Statement is being filed before the mailing date of the first Office Action. However, should the Commissioner determine that fees are due in order for this Information Disclosure Statement to be considered, the Commissioner is hereby authorized to charge such fees to Deposit Account No. 50-2207.

## E. Patent Term Adjustment (37 C.F.R. § 1.704(d))

$\sqcup$	ine undersigned states that each item of information submitted
	herewith was cited in a communication from a foreign patent office in a
	counterpart application and that this communication was not received
	by any individual designated in 37 C.F.R. § 1.56(c) more than thirty
	days prior to the filing of this statement. 37 C.F.R. § 1.704(d).

Respectfully submitted, Perkins Coie LLP

Date: October 4, 2006

Gina C. Freschi Registration No. 52,062

**Correspondence Address:** 

Customer No. 22918
Perkins Coie LLP
P.O. Box 2168
Menlo Park, California 94026
(650) 838-4300

# INFORMATION DISCLOSURE O 1 ASTATEMENT BY APPLICANT

Form PTO-1449 (Modified)

OCT (Use several sheets if necessary)

COMPLETE IF KNOWN				
Application Number	10/719,633			
Confirmation Number	3642			
Filing Date	November 11, 2003			
First Named Inventor	Iversen, Patrick L.			
Group Art Unit	1635			
Examiner Name	McGarry, Sean			
Attorney Docket No.	50450-8032.US02			

NO.	MARKO								
7					U.S. F	ATENT DOCUMENTS			
Examiner Initials*	Cite No.			Code	N	ame of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines Where Relevant Passage Relevant Figures Appea	s or
	1.	5,220,014			Saxena Shailendra et al.		6/15/93		
	2.	5,82	1,052	1	Chen	Gia-Fen et al.	10/13/98		
	3.	5,97	7,340		Colote	e Soudhir et al.	11/2/99		
	4.	6,06	0,456		Arnol	d et al.	5/9/00		
	5.	6,13	3,246		McKa	y et al.,	10/17/00		
	6.	6,22	8,579		Zyskiı	nd et al.	5/8/01		
	7.	6,23	9,265		Cook		5/29/01		
	8.	6,49	5,663		Rothb	pard	12/17/02		
	9.	6,67	7,153	B2	lverse	en	1/13/04		
	10.	7,04	9,431	B2	lverse	en	5/23/06		
				FC	REIG	N PATENT DOCUMENTS	_		
Examiner Initials*	Cite No.	Fore		ation ind Cod		Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	Т
	11.	EP	0 892 064	Α		0	6/1/98		
	12.	EP	0 894 857	A	2 EF	0	7/23/98		
	13.	PCT	WO 91 09033	3	WI	PO	6/27/91		
;	14.	PCT	WO 98/03533	3	WI	PO	1/29/98		
	15. PCT WO 98/32467		7	WI	PO	7/30/98			
	16.	PCT	WO 99/02673	3	WI	PO	1/21/99		
	<u> </u>		OTHER PR	IOR A	RT-NO	N PATENT LITERATURE	DOCUMENTS		
Examiner Initials*	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume issue number(s), publisher, city			), title of the item ber(s), publisher, city	т				
	17.	Agrawal et al., <i>Tibtech</i> , <u>14</u> :376-387 (1996).							
	18.	Baker, Pamela J. et al., "Subinhibitory Concentrations of Cefpodoxime Alter Membrane Protein Expression of Actinobacillus actinomycetemcomitans and Enhance Its Susceptibility to Killing by Neutrophils", Antimicrobial Agents and Chemotherapy, pp. 406-412, Feb. 1995.							

EXAMINER		DATE CONSIDERED		
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*EXAMINER:	Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not			
	considered. Include copy of this form with next communication to application(s).			

#### **COMPLETE IF KNOWN Application Number** 10/719,633 **INFORMATION DISCLOSURE Confirmation Number** 3642 STATEMENT BY APPLICANT Filing Date November 11, 2003 Form PTO-1449 (Modified) First Named Inventor Iversen, Patrick L. (Use several sheets if necessary) Group Art Unit 1635 **Examiner Name** McGarry, Sean Sheet 2 of 2 Attorney Docket No. 50450-8032.US02

	OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS						
Examiner Initials*	Cite No.	(Sacrif Magazine) James, demand of infrastrum, surfacely, date, page(s), relative local frameworks, page(s),					
	19.	Branch et al., <i>Trends in Biochem. Sci.</i> , <u>23</u> :45-50 (1998).					
	20.	Filadoro, F., "Bacteria, Antibiotics and the Immune System: A Look at a Classic Triad", Igiene Moderna 104(3), pp. 459-465, 1995 (Abstract Only)					
	21.	Green et al., J. Am. Coll. Surg., Collective Review, pp. 93-105					
	22.	Good et al., <i>Nature Biotechnology,</i> <u>16</u> :355-358 (1998).					
	23.	Good et al., <i>PNAS</i> , <u>95</u> :2073-2076 (1998).					
	24.	Gotfried et al., Clinical Therapeutics, 22(1):2-14 (2000).					
	25.	Iversen, Patrick L., "Phosphorodiamidate Morpholino Oligomers", Antisense Drug Technology, Principles, Strategies and Applications, Copyright 2001 by Marcel Dekker, Inc., pp. 375-389.					
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	27.	Jen et al., Stem Cells, <u>18</u> :307-319 (2000).					
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•	29.	Suzuki, I. et al., "In vivo Activity of Cefbuperazone (T-1982) Against Various Experimental Infections in Mice", Journal of Antibiotics (J. Antibiot.) (Japan) 38/2, pp. 249-258, 1985 (Abstract Only).					
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EXAMINER		DATE CONSIDERED			
*EXAMINER:	Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).				